

What is claimed is:

- 1 1. A surface integrated power, communication and data device
2 comprising:
3 a power array having a power input and at least one
4 power output;
5 a communication array having a communication input
6 and at least one communication output;
7 at least one data array, each data array having a
8 data input and at least one data output;
9 a housing containing the power array, the
10 communication array and each data array; and
11 a mounting bracket removably engaging the housing.
12
- 1 2. The surface integrated power, communication and data
2 device according to claim 1 wherein the
3 communication input and the at least one
4 communication output are selected from the group
5 consisting of:
6 RJ11 connectors and RJ12 connectors.
- 1 3. The surface integrated power, communication and data
2 device according to claim 1 wherein the data input
3 and the at least one data output are selected from
4 the group consisting of:
5 universal serial bus connectors, Cat-5 connection
6 connectors, DSL connection connectors, RJ45
7 connectors, 9-pin serial connectors, 25-pin
8 serial connectors, SCSI-1 connectors, SCSI-2
9 connectors, SCSI-3 connectors, MIDI 5 pin DIN
10 connectors, ADB ports and parallel connectors.

1 4. The surface integrated power, communication and data
2 device according to claim 1 further comprising:
3 a power surge protector connected between the power input
4 and the at least one power output;
5 a communication surge protector connected between the
6 communication input and the at least one
7 communication output; and
8 a data surge protector connected between the data input
9 and the at least one data output of a first data
10 array.

1 5. The surface integrated power, communication and data
2 device according to claim 4 further comprising:
3 a reset button to reset the power surge protector.

1 6. The surface integrated power, communication and data
2 device according to claim 1 wherein:
3 a master switch controls the power input.

1 7. The surface integrated power, communication and data
2 device according to claim 1 wherein:
3 at least one subservient switch controls a first power
4 output.

1 8. The surface integrated power, communication and data
2 device according to claim 6 further comprising:
3 a master switch status indicator.

1 9. The surface integrated power, communication and data
2 device according to claim 7 further comprising:
3 at least one subservient switch status indicator.

1 10. A surface integrated power, communication and data device
2 comprising:
3 a power array having a power input and at least one
4 power output;
5 a communication array having a communication input
6 and at least one communication output;
7 at least one data array, each data array having a
8 data input and at least one data output;
9 a housing containing the power array, the
10 communication array and each data array;
11 a housing flange; and
12 a pivot mechanism connecting the housing to the
13 housing flange.

1 11. The surface integrated power, communication and data
2 device according to claim 10 wherein the
3 communication input and the at least one
4 communication output are selected from the group
5 consisting of:
6 RJ11 connectors and RJ12 connectors.

1 12. The surface integrated power, communication and data
2 device according to claim 10 wherein the data input
3 and the at least one data output are selected from
4 the group consisting of:
5 universal serial bus connectors, Cat-5 connection
6 connectors, DSL connection connectors, RJ45
7 connectors, 9-pin serial connectors, 25-pin
8 serial connectors, SCSI-1 connectors, SCSI-2
9 connectors, SCSI-3 connectors, MIDI 5 pin DIN
10 connectors, ADB ports and parallel connectors.

1 13. The surface integrated power, communication and data
2 device according to claim 10 wherein the pivot
3 mechanism is a hinge.

1 14. The surface integrated power, communication and data
2 device according to claim 10 further comprising:
3 an open ground indicator connected to the power array.

1 15. The surface integrated power, communication and data
2 device according to claim 10 further comprising:
3 a power surge protector connected between the power input
4 and the at least one power output;
5 a communication surge protector connected between the
6 communication input and the at least one
7 communication output; and
8 a data surge protector connected between the data input
9 and the at least one data output of a first data
10 array.

1 16. The surface integrated power, communication and data
2 device according to claim 15 further comprising:
3 a surge protector status indicator connected to the power
4 surge protector, communication surge protector and
5 each data surge protector.